



# NITFS Compliance Registration



**Product:** ELT/1500  
**Sponsor:** Overwatch System Boston Operations  
**Developer:** Overwatch System Boston Operations

**Date:** 30 Nov 2009  
**Expiration:** 29 Nov 2011  
**Registration #:** 2070

## NITFS Features Implemented:

☐ **System,** N-0105/98, §4.1.1

☒ **Product,** N-0105/98, §4.1.2

☐ **Component,** N-0105/98, §4.1.3

☐ Initial Registration  
☒ Supplemental/Update #57  
☐ Derived from Reg. #

| Complexity Level |   |   |   |   |   |   |     |
|------------------|---|---|---|---|---|---|-----|
| NITF 2.1 CLEVEL  |   |   |   |   |   |   |     |
|                  |   | 3 | 5 | 6 | 7 |   |     |
| Interpret        |   |   |   |   |   |   |     |
| Generate         |   |   |   |   |   |   |     |
| NITF 2.0 CLEVEL  |   |   |   |   |   |   |     |
|                  | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
| Interpret        |   |   |   |   |   |   |     |
| Generate         |   |   |   |   |   |   |     |

## Configurations Tested:

- Windows XP 32-bit

### Format

#### NITF

- ☒ 2.1
- ☒ 2.0
- ☒ 1.1

#### NSIF

- ☒ 1.0

### Annotation Segment

#### Types

- ☒ Bit Mapped \*\*
- ☐ CGM 2301, Function
- ☒ CGM 2301, Description
- ☒ CGM 2301A, Function\*

### Text Segments

- ☒ Caption\*
- ☒ Labels \*\*
- ☒ 8S\*
- ☒ NITF

### Image Segment Non-

#### Compressed

- ☒ MONO, 1 Band
- ☐ RGB, 3 Bands
- ☒ RGB/LUT, 1 Band
- ☒ MULTI, Multiband
- ☒ NODISPLAY, 1 to Multiband Mask

### Image Segment Compressed

#### JPEG DCT

- ☒ Band
- ☒ Band
- ☒ Multiband
- ☒ Mask

#### JPEG Lossless

#### JPEG Downsample

#### JPEG 2000\*

- ☒ Code Stream w/o JP2
- ☒ Code Stream w/JP2
- ☒ Band
- ☒ Band RGB
- ☒ Band RGB/LUT
- ☒ Multiband
- ☒ Mask

#### Bi-Level

- ☒ Mask

#### Vector Quantization

- ☒ Mask

### Data Extension Segments

- ☒ TRE\_OVERFLOW\*
- ☐ STREAMING\_FILE\_HEADER\*
- ☒ Controlled Extensions \*\*
- ☒ Registered Extensions \*\*

### Tagged Record Extensions

- ☐ - ASDE
- ☒ - CSDE
- ☒ - DIGEST GeoSDE
- ☒ - NCDRD
- ☒ - PIAE
- ☐ - RPF
- ☐ - IOMAPA
- ☒ - ICHIPB
- ☒ - BANDSB
- ☒ - HISTOA
- ☒ - J2KLRA
- ☒ - NBLOCA

### Legend

#### Inter Gen

- ☒ Fully implemented
- ☒ Partially implemented
- ☐ Not implemented

\*\* NITF 2.0 feature

\* NITF 2.1 feature

VALERIE BAKER, Lt Col, USAF, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.